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Course Description - D-510 Supervisory Dispatcher

Session #1: March 27-31, 2006
Session #2: April 3-7, 2006

D-510 is a one-week course. For 2006, two D-510 sessions are planned.
Nominees should be prepared to attend either session.

Target Group

This course is designed to train individuals who will be called upon to establish and supervise an expanded dispatch organization and who have met prerequisite training and experience at the Support Dispatcher level.

Prerequisites

- Qualified as Support Dispatcher in at least four functional areas (Aircraft, Overhead, Crews, Equipment, or Supply).
- Successfully completed *D-312 Aircraft Dispatcher. *The following are equivalent aviation courses that may be substituted for D-312 within the timeframes listed:
  - 1992-2002 Interagency Aviation Management and Safety (IAMS).
  - 2002-2005 Aviation Conference and Education Seminar Module A-207, Aviation Dispatcher, and its prerequisite courses. The prerequisite modules for A-207, Aviation Dispatcher, available through the Aviation Conference and Education (http://iat.nifc.gov/) are:
    - A-106 Aviation Mishap Reporting
    - A-107 Aviation Policy and Regulations
    - A-109 Aviation Radio Use
    - A-110 Aviation Transportation of Hazardous Materials
    - A-111 Flight Payment Document
    - A-112 Mission Planning and Flight Request Process
    - A-202 Interagency Aviation Organizations
    - A-203 Airspace Management and Coordination
    - A-204 Aircraft Capabilities and Limitations
    - A-206 Aviation Acquisition/Procurement
  - 2001-2005 Aircraft Dispatcher course.
- Successfully completed a pre-course pass/fail test that takes approximately 40 hours to complete. The pre-course test will be available on the NAFRI web site.

Success in D-510 will depend on the trainee's ability in leadership and organizational knowledge as contained in the L-380 Fireline Leadership, I-300 Intermediate ICS, and D-310 Support Dispatcher courses.

Objectives

Given an incident situation, a briefing from the appropriate agency management entity, incident objectives and a series of inputs from various dispatch functions, the trainee will be able to:

- Develop and manage an effective organization to meet present and future needs of an incident.
- Analyze current and predicted conditions and establish priorities with consultation with the appropriate management entity.

Course Description

Supervisory Dispatcher is designed to train individuals in the function and responsibilities of a Supervisory Dispatcher within an Incident Support Organization. Trainees selected for this course must be capable of performing in a minimum of four functional areas at the Support Dispatcher level within the expanded dispatch organization. The course will provide trainees with a working knowledge of the necessary management skills and operational procedures to successfully perform the job.

The course is intended to be an interactive experience, requiring the trainee to interact with the materials, the faculty, and fellow trainees. The course consists of a 40-hour pre-course test, discussions, exercises and final exam. It is designed to take 32 hours to present.

Each session is limited to 40 trainees.

Important Dates

Nomination Due: November 1, 2005
Pre-Course Test Mailed: November 10, 2005
Pre-Course Test Due: December 19, 2005
Notification of Selection: February 3, 2006

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm. Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Cyndie Hogg, (520) 799-8753; fax (520) 799-8785

Course Location: NAFRI, Tucson, Arizona
Tuition: None

D-510 is currently offered every other year on the even years.

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Course Description - FCAU Fire Chemical Application and Use

Winter/Spring 2007

Target Group

- Incident Commanders-All
- Fire Staff Officers
- Operations Section Chiefs
- Division Group Supervisors
- Strike Team Leaders/Task Force Leaders
- Air Tactical Group Supervisors
- Air Operations Branch Directors
- Airtanker Coordinators
- Air Support Group Supervisors

Objectives

Upon completion of this course, participants will:

- Identify the key elements that provide the aerial retardant resource to the user including the historical, administrative, a and technical framework.
- Improve application and use of aerial applied retardants and suppressants with the use of state-of-the-art technology.
- Provide decision criteria to better manage aerial firefighting systems on wildland fire.
- Describe the potential environmental and social political impacts with the use of aerial fire chemicals.

Course Description

The course is designed primarily for incident personnel on-the-ground who are making the application decisions and managing the results. The tactical aviation personnel involved in application of retardants and suppressants will also benefit from this course.

Throughout the course, the safe, efficient, and cost-effective use of these products is stressed. Safety factors are discussed throughout, using decision-making on the fireground and systems management as a basis. The course will use lecture, case studies, practitioner panels, exercises, and participant interaction. The course consists of three units covering the historical development of the retardant and suppressant program through the current programs in use, concentrating on the operational application of retardants and suppressants in a variety of wildland fire situations. Environmental effects and considerations are also discussed.

Important Dates

Nominations Due: November 1, 2006
Notification of Selection: November 15, 2006

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm.
Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: To be determined (520) 799-8787; fax (520) 799-8785

Page last updated: October 6, 2005

National Advanced Fire & Resource Institute

Course Description - FML Fire Management Leadership

February 6-9, 2006

Target Group

This course is directed to Forest Service Forest Supervisor/Deputy Forest Supervisor levels, National Park Service and Bureau of Indian Affairs, Superintendent/Deputy Superintendent levels, Bureau of Land Management Field Officer/District Manager levels, and Fish & Wildlife Service Refuge Management Project Leader level.

Prerequisites

None, however for those individuals with limited fire experience it is recommended to take a local FML course.

Objectives

- Improve Agency Administrator's ability to provide leadership in fire management and other emergency activities to better recognize when they and the public are being well served.
- Participants will gain a common understanding of national policy, agency administrator's responsibility and accountability, and agency administrator authority to improve all fire management actions.
- Balance land management goals and criteria with management feasibility costs and safety.

Course Description

The course is a comprehensive look at the Agency Administrator's leadership role within the Fire Management Program, including the Federal Wildland Fire Management Policy. The complex fire situation is highlighted with the intent to provide a comprehensive understanding of the processes necessary to effectively manage the situation. Included are the Agency Administrator's briefing, Wildland Fire Situation Analysis, and other critical items.

Policy, authority, and responsibility will be clarified, discussed, and reinforced using case examples. Opportunities will be highlighted to provide additional tools for the Agency Administrator to more effectively manage the fire program.

The participant will gain an insight into fire's role in wildland management. Internal and external relations and interagency cooperation opportunities are discussed. Emphasis is placed on an overall understanding of fire management and the Agency Administrator's role in it.

Student Requirements to Receive Credit for the Course

To receive credit for the course, you must attend the entire course. Those arriving late or leaving early will not receive credit for the course. No testing is required.

Important Dates

Nominations Due: November 1, 2005
Notification of Selection: December 15, 2005

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm. Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Deborah Corner, (520) 799-8752; fax (520) 799-8785

Course Location: Tucson, Arizona

Page last updated: October 6, 2005

National Advanced Fire & Resource Institute

Course Description - L-480 - Incident Management Team (IMT) Leadership

Spring, 2006

Two sessions of L-480 IMT Leadership are now scheduled. New dates and locations are:

- Session #2006-01
  March 13-17, 2006 in conjunction with the Northern Rockies Geographic Area
  Location: Missoula, MT
  Tuition: TBD
  NR Course Coordinator: Bob Cunningham
  NAFRI Course Coordinator: Cyndie Hogg, 520-799-8753

- Session #2006-02
  May 22-26, 2006 in conjunction with the Northwest Geographic Area.
  Location: Portland, OR
  Tuition: TBD
  NW Course Coordinator: Renee Beams
  NAFRI Course Coordinator: Cyndie Hogg, 520-799-8753

The April 24 session planned for NAFRI, Tucson, AZ, is cancelled at this time.

Target Group

Current Unit Leaders and IC Type 3 personnel who desire to become qualified as Type 2 Section Chiefs, Command and General Staff, and Incident Commanders.

Prerequisites

Successful completion of L-380 Fireline Leadership.

Objectives

1. Introduction of Team Roles
   - Describe the application of the Leadership Values and Principles model for an Incident Commander and Section Chief within an Incident Management Team setting.
   - Describe the application and implementation of Team Doctrine to an Incident Management Team.
2. Communication
   - Demonstrate motivational techniques and styles through delivery and speaking skills applicable to an Incident Management Team setting.
3. Command Presence
   - Demonstrate effective leader behavior's in complex, high-risk, time dependent, stressful environments.
4. Situational Awareness
   - Describe a process for a leader to continuously measure and assess social and political issues that influence functions or actions of the Incident Management Team.
5. Leadership Skills within a Team Environment
   - Describe the main challenges to establishing leadership under emergency situations.

❍ Describe the differences between short term team and the long term commitment of type 1 or 2 team development.
❍ Describe examples of decision making techniques that facilitate the team process.
❍ Identify at least three tools, techniques, or models to resolve common team conflict situations.
6. Individual Evaluation Process
❍ Discuss the value of recognizing and rewarding high or excellent performance on the Incident Management Team.
7. Mentorship/Evaluation
❍ Describe effective techniques to mentor and teach subordinates or peers on the Incident management Team.
❍ Describe the model for motivation and performance guidance.

Course Description

L-480 will provide leaders of Sections (Type 2 Chiefs, Command and General Staff), Incident Commanders, and Incident Command Teams with the leadership tools to effectively manage and encourage sections and teams, to develop and provide strategic direction, and to communicate and motivate others to achieve both inter-sectional and team goals.

L-480 IMT Leadership and S-420 Command and General Staff are designed to compliment one another.

Class size is limited to 30 students.

Important Dates

Nominations Due: November 1, 2005
Pre-course Work: Mailed 30 days prior to course.
Notification of Selection: December 19, 2005

L-480 Nomination Process

Submit all nominations through your Geographic Area training representative to NAFRI. Please indicate your session preference.

Please see the NAFRI nomination process available at: www.nafri.gov/pages/nominationprocess.htm

All nominations must be submitted on the NWCG training nomination form (MS Word version, PDF version).

Course Coordinator: Cyndie Hogg, NAFRI, (520) 799-8753; fax (520) 799-8785

Course Location:
Session #2006-01, Missoula, MT;
Session #2006-02: Portland, OR

Tuition: To be determined.

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Course Description - L-580 - Advanced Leadership Seminar

In Development

Target Group

Current Type 1 Command and General Staff and Area Command.

Objectives

L-580 will be designed to provide a venue to address a variety of challenges and current issues that IMT's face. The focus will be on the leadership in the context of emergency management situations commonly encountered by personnel in the wildland fire service.

Course Description

This course is currently in development.

Course Coordinator: Cyndie Hogg, NAFRI, (520) 799-8753; fax (520) 799-8785

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Course Description - M-580 Fire in Ecosystem Management

February 22 - March 2, 2006

Target Group

- Agency administrators, particularly without fire management background. Senior Executives, Congressional Staff and Tribal leaders.
- Fire staff, such as prescribed fire specialists, RX Burn Boss, fuel managers, assistant FMO's, wildland fire use managers, with limited natural/cultural resource and/or ecology education/ backgrounds.
- Individuals directly involved with planning, implementation, and monitoring of fire and ecosystem management programs, ie. natural/cultural resource management specialists, endangered species biologists, compliance specialists (NEPA, SHPO), and land and fire management planners, who do not have comprehensive fire management or fire ecology backgrounds.
- Individuals at entry level directly involved with fire management or individuals new to the wildland fire management program who do not have a comprehensive fire management background.

Objectives

- Describe the significance and role of fire in ecosystem management.
- Describe the complexity of integrating fire and fuels treatments into ecosystem management by considering social, political, legal, economic, and environmental factors.
- Identify concepts, techniques, reference resources, and examples for ecosystem management throughout a range of ecosystems.
- Use information presented in this course to communicate and develop understanding and support of fire and ecosystem management programs at the intra- and interagency levels and to collaborate with the public in changing political/social arenas.

Course Description

Through lectures, case studies, and interaction between participants and faculty, the course:

- Explores the role of fire and fire management in ecosystem management.
- Examines social, political, legal, economic, and environmental factors critical to fire and fuels treatment for ecosystem management.
- Presents real-world examples of fire management applications in ecosystem management.
- Provides the participants with the opportunity to obtain tools, ideas, concepts, techniques and methodologies to address fire and ecosystem management issues at their home unit.

Case studies from North America are presented to expose participants to a variety of ongoing programs attempting to integrate the historical, ecological and socioeconomic aspects of fire management into ecosystem management.

Nationally recognized subject matter experts and practitioners serve as instructors in this course.

The course does not provide a "cookbook" for ecosystem management, rather this course provides concepts, and ecological - social considerations to assist the student with developing specific fire management programs. Local fire effects information and monitoring details are provided in other courses.

Important Dates

Nomination Due to NAFRI from Agencies and GACC's: November 1, 2005
Notification of Selection: December 15, 2005

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm.
Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Deborah Corner (520) 799-8752; fax (520) 799-8785

Page last updated: October 6, 2005

National Advanced Fire & Resource Institute

Course Description - M-581 Fire Program Management

Target Audience

Current or future Fire Program Managers who have direct responsibility to plan, organize, budget, manage and evaluate Fire Management Programs.

Course Objectives

Upon successfully completing M-581, Fire Program Management, the student will be able to identify the principles, policies and procedures to effectively and safely lead, plan, and implement a Fire Management Program

Course Description

This course is designed to meet the needs of current and future mid-level Fire Program Managers. It is intended to aid in the application of fire management principles in sound decision making, use of state-of-the-art tools and methods in fire management programs, and recognition of the necessity for personal accountability required in fire program management. This course will fulfill one credit hour of upper division education requirements of IFPM.
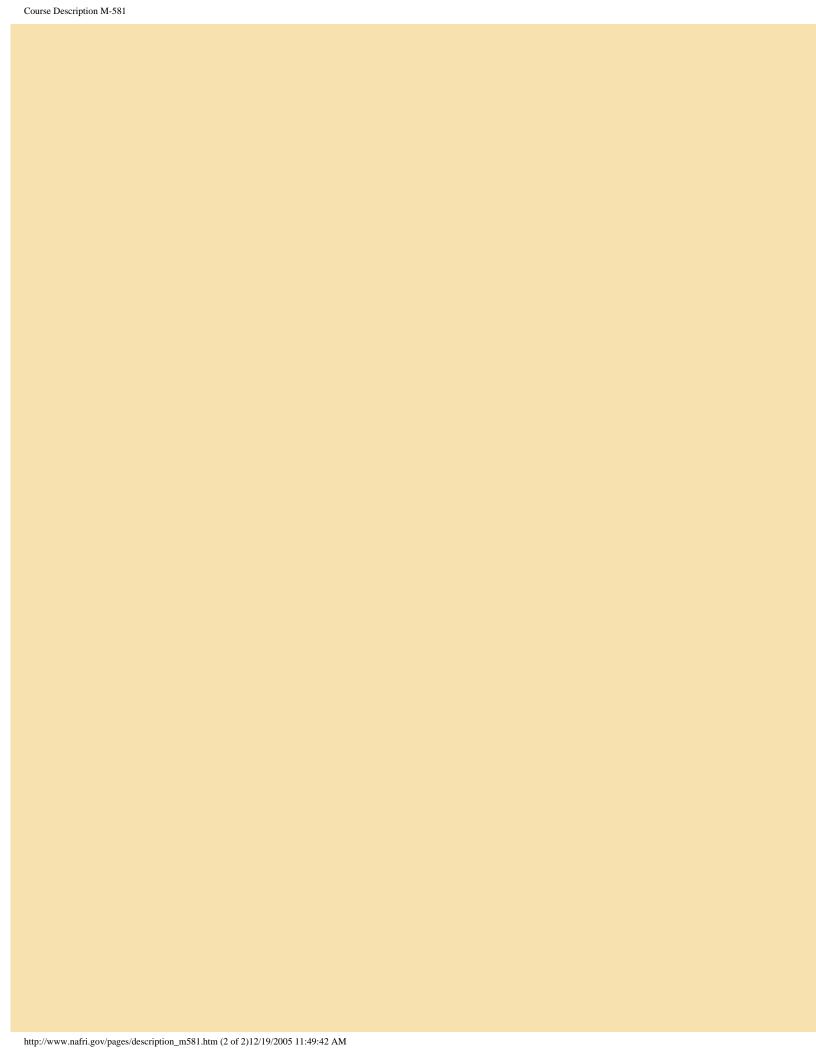
Important Dates

Nominations Due:
Notification of Selection:

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm. Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Deborah Corner (520) 799-8752; fax (520) 799-8785

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Course Description - NAFA - National Aerial Firefighting Academy

January 30 - February 3, 2006

Target Group

Aviation flight crews in wildland firefighting at National, Regional, and Field levels who are involved in fire suppression operations using large retardant aircraft. This includes contractor personnel who have responsibilities as firefighter pilots. Contractor management personnel will be considered on a space available basis. Agency individuals may include Leadplane Pilots and Air Tactical Group Supervisors.

Objectives

1. Enhance aviation safety by integrating tactics, operations, and experience into aerial firefighting training. To educate both Agency and contract personnel using expertise from both sectors.
2. Describe the Incident Command System Aviation Organization.
3. Identify the concepts of common fire terminology and the reasons for its use in the aviation community.
4. Comprehend the application of Risk Management in the use of aviation resources.
5. Identify Crew Resource Management principles during the fire simulation exercise.
6. Describe the National Dispatch Policy regarding Airtankers and Regional resources.
7. Define the tactics and coverage levels of retardant application.
8. Identify the low-level flight environment (including aircraft join-ups) involved in aerial firefighting.
9. Identify an increased awareness of the Human Factors involved in Aerial Firefighting.
10. Review Fire Behavior
11. Recognize opportunities and impediments involving mixed types of aircraft.

Course Description

The National Aerial FireFighting Academy (NAFA) is a training effort by and for personnel directly involved in aerial retardant delivery.Class size will be limited to a maximum of 55 persons. Composition desired is a maximum of: 18 Air Tactical Group Supervisors (ATGS); 8 Leadplane Pilots; 18 Multi-Engine Airtanker Pilots; 5 Single Engine Airtanker Pilots (SEATS); 6 Type I Helicopter Pilots. (For airtanker and helicopter contractors, Federally contracted pilots will have priority.)
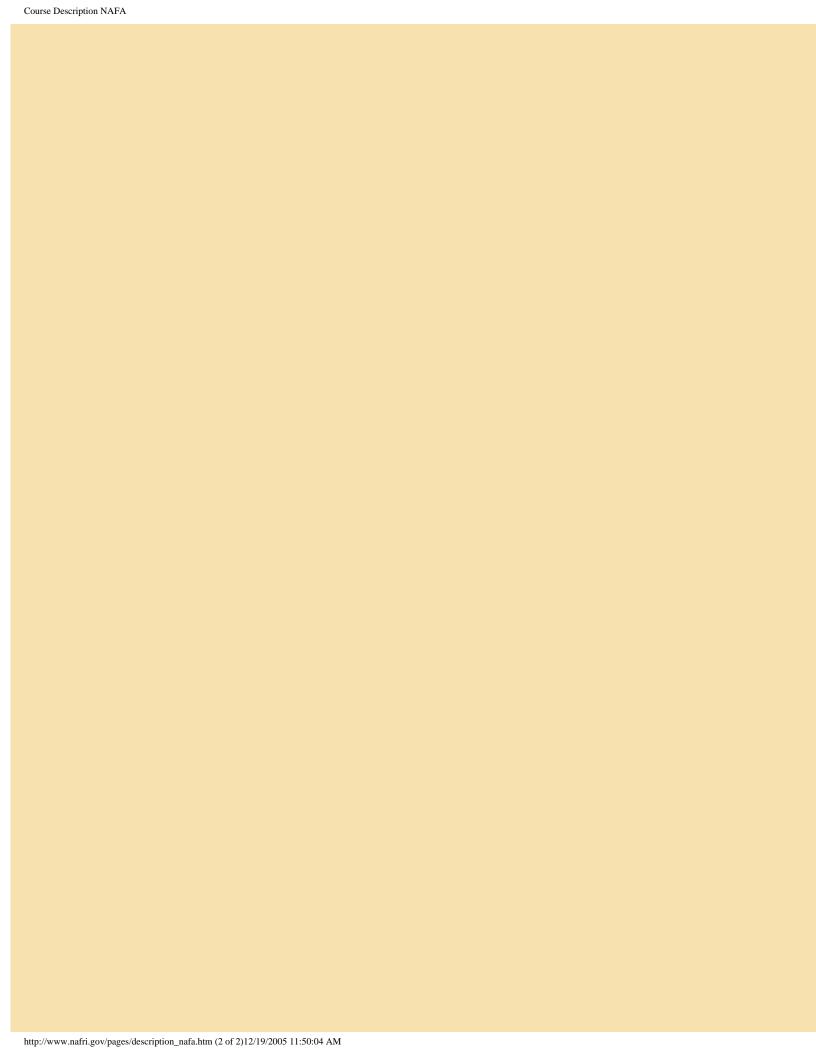
Important Dates

Nominations Due: November 1, 2005
Notification of Selection: December 15, 2005

Nomination Process

Please ensure nominees identify the position they hold (qualified or trainee) that meets the target group requirements.

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm. Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Tim Peterson, (520) 799-8751; fax (520) 799-8785

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National Advanced Fire & Resource Institute

Course Description - NFDRS Advanced National Fire Danger Rating System

January 17-27, 2006

Target Group

The target audience includes individuals:

- Responsible for resource analysis, decision support and decision making based on outputs from National Fire Danger Rating System (NFDRS) at the local/state/national level and corresponding positions;
- Responsible for Intelligence, Predictive Services, and/or Fire Weather Forecasting;
- Responsible for providing technical support and oversight for NFDRS;
- Who will become geographic area NFDRS instructors;
- With a passion to become the next generation to carry NFDRS forward.

Why Take This Course?

- Compliance with Agency policies for Fire Danger Rating support products, such as Fire Danger Rating Operating Plans
- Items outlined in the 30 Mile Fire Action Abatement Plan.
- Expands and builds on the technical skills provided in S-491, Intermediate NFDRS.
- Hands on development of a Fire Danger Rating Operating Plan
- Understanding the roles of NFDRS outputs, climatology, and fire business thresholds in the decision making process
- Analysis necessary for the preparation of PocketCards

Prerequisites

Have successfully completed S-491 or equivalent. Completes pre-course work and pre-course test. Pre-course work will be posted on the NAFRI web site on November 12, 2005. It will take approximately 4 hours to complete.

Vision Statement

The National Fire Danger Rating System (NFDRS) is a trusted decision tool for fire and resource managers. The NFDRS is based upon the integration of the latest fire and atmospheric sciences, climatology, remote sensing, and GIS technology. It is supported by processors and data management systems which are robust and flexible enough to remain state of the art. The NFDRS is easy to use - requiring limited human intervention, minimal in cost, and can be applied through space (locally, regionally, nationally) and time (today, tomorrow, seasonally) across the United States. System access is web-based and outputs are displayed with tabular, graphical, and GIS formats. Fire danger is a description of factors - fuels, weather, topography - which affect the initiation, spread, and difficulty of control of wildfires on an area.

Course Goal

The goal of this training course is to promote better decision-making and planning using the National Fire Danger Rating System. Promote the development and implementation of fire danger rating operating plans at the local level. One of the expected results of this effort will be a pool of technical experts and a cadre for the next generation Fire Danger Rating.

Course Objectives

- Review NFDRS design and its relationship to other fire management systems and processes.
- Through the development of an operating plan, demonstrate a working knowledge of the process required to design, setup, and manage a fire danger rating system.
- Relate NFDRS outputs to some measure of fire business and develop skills to adapt NFDRS analysis to the local unit.
- Demonstrate how fire danger rating supports geographic area and national decision-making.
- Design and validate a decision model for short and long-term operations involving NFDRS, fire danger climatology and fire management planning systems.
- Introduce new NFDRS related technology as it becomes available.
- Demonstrate techniques to analyze outputs of NFDRS programs to identify errors, and troubleshoot system problems.
- Provide background information from which participants can support geographic area NFDRS training.

Course Description

491 is an intermediate level technical exposure to the National Fire Danger Rating System. Essentially you have learned to drive. Advanced NFDRS is the next level of analytical instruction that focuses on the role of fire danger rating in resource decision making, through development of a fire danger rating operating plan. Participants will be provided the skills to analyze and troubleshoot fire danger rating from the fire weather station scale to multiple fire danger rating areas. Essentially you will learn to fly. The course will provide individuals the technical skills to serve as instructors for geographic area level courses for all wildland fire agencies using NFDRS. Advanced NFDRS is a national level course. As such, participants can expect long days, evening and weekend work. In order to receive credit for course, participants must stay through entire course. Students will need to complete pre-course work and a pre-course test consisting of approximately 4 hours.

Course is limited to 30 participants.

Computer Requirements

Due to the various agency, business, and personal laptops, and the time required to bring these units up to the course required software standards, no agency, business, or personal laptops will be used for the NFDRS course.

NAFRI will provide laptops with all the necessary software for participant use during the Advanced NFDRS course.

You may bring your own laptop for agency, business, or personal use while away from your home unit, but NAFRI will not be providing any system support for them.

The laptops provided by NAFRI will be for course work only and there will be a requirement that all provided laptops stay within the NAFRI training facilities during the course.
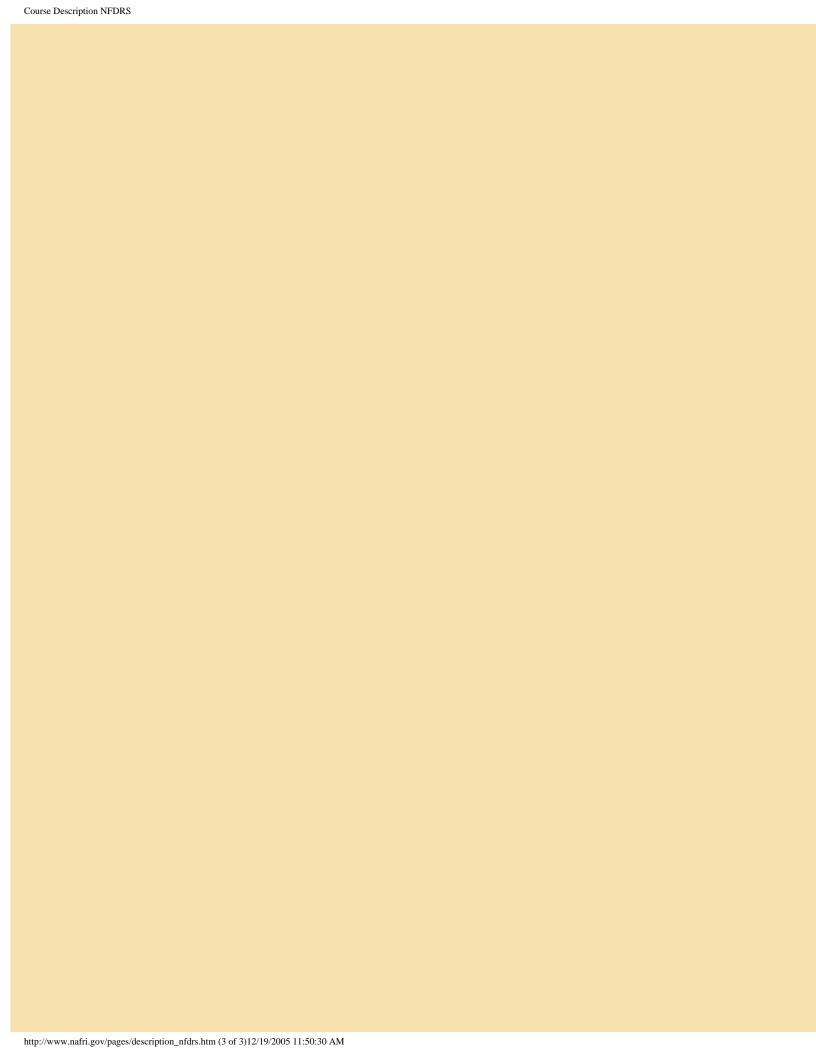
Important Dates

Nominations Due: November 1, 2005
Pre-Course Test Due: December 15, 2005
Notification of Selection: December 20, 2005

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm. Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Tim Peterson, (520) 799-8751; fax (520) 799-8785

Tuition: None

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Course Description - Rx510 Applied Fire Effects

February 13-17, 2006

Target Group

This course would be useful for natural resource managers involved in planning and implementing the use of wildland fire from the project level to the landscape scale. This course will support the knowledge and skills needed for Prescribed Fire Burn Boss Type 1(RXB1), Prescribed Fire Manager Type 1 (RXM1), and Fire Use Manager Type 1 (FUM1).

Prerequisites

- Rx310 Introduction to Fire Effects or equivalent.
- S-390 Introduction to Wildland Fire Behavior Calculations.
- Successfully complete pre-course test that entails approximately 30 hours. The pre-course test will be available on the NAFRI web site by November 10, 2005.

Course Goal

To demonstrate the application of science-base fire effects knowledge in the planning, implementation, and evaluation in the use of wildland fire.

Course Objectives

Upon completion of this course, the participant will be able to:

1. Translate broad ecological information into goals and objectives for the use of wildland fire.
2. Incorporate short-term and long-term fire effects information into planning and implementation for the use of wildland fire.
3. Provide examples and discuss methods for monitoring and evaluating prescribed fire effects.
4. Apply the adaptive management process to refine a program for the use of wildland fire.

Course Description

Rx510 is a science-based course designed to support the integration of fire effects knowledge into the program for use of wildland fire. The course emphasizes the importance of fire effects in the design, implementation and monitoring of fire treatments over multiple spatial and temporal scales. This course recognizes that planning and implementing the use of fire are interdependent activities, and provides opportunities for the burn boss and planner to work together.

The course is an intensive session that provides college level lectures, case studies, and exercises. Instructors include professors, agency resource specialists and fire practitioners. Participants will have opportunities to interact with the faculty.

Participant performance will be evaluated on a pass-fail basis with a written final examination. To successfully complete Rx510, a score of 70% on the final exam is required. Attendance for the entire week is also required to receive course credit.

Rx510 is a national level training course and as such participants can expect long days.

Class size is limited to 84 participants.

Important Dates

Nomination Due: November 1, 2005
Pre-course Work Available: November 10, 2005
Pre-course Work Due: December 12, 2005
Notification of Selection: January 6, 2006

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm.
Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Cyndie Hogg (520) 799-8753; fax (520) 799-8785
Course Location: NAFRI, Tucson, Arizona
Tuition: None

Rx510 is currently offered every year.

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Course Description - S-520 Advanced Incident Management

February 25-March 10, 2007

Target Group

Any person available to fill a national level interagency Type I Incident Management Team position as an Incident Commander, Planning Section Chief, Operations Section Chief, Logistics Section Chief, Finance Section Chief, Safety Officer, or Information Officer, or any person to become certified in one of these positions at the Type I complexity level.

Prerequisites

Individuals must be functionally certified and qualified at the Type II level for the position they will be filling at the course. Nominations must be submitted with a current fire qualifications record and with a narrative statement giving a brief background of the person nominated. Include a description of the intended use of the skills developed as a result of attending S-520. Previous attendance at S-420 is recommended.

Objectives

Given a simulated complex fire situation, students will effectively perform functional and team responsibilities. Individual performance must meet established criteria for successful completion of the course.

Course Description

Using classroom lecture and simulated incidents the student will understand the role and function of a Type I Incident Management Team, the applicability of management principles to the incident management job, and the special considerations of incident management within geographic areas of the nation.

Early Nomination Rationale

Early nomination has been requested to give those nominated the necessary mentoring and prework assignments for the course. Prework assignments to begin in March, 2006.
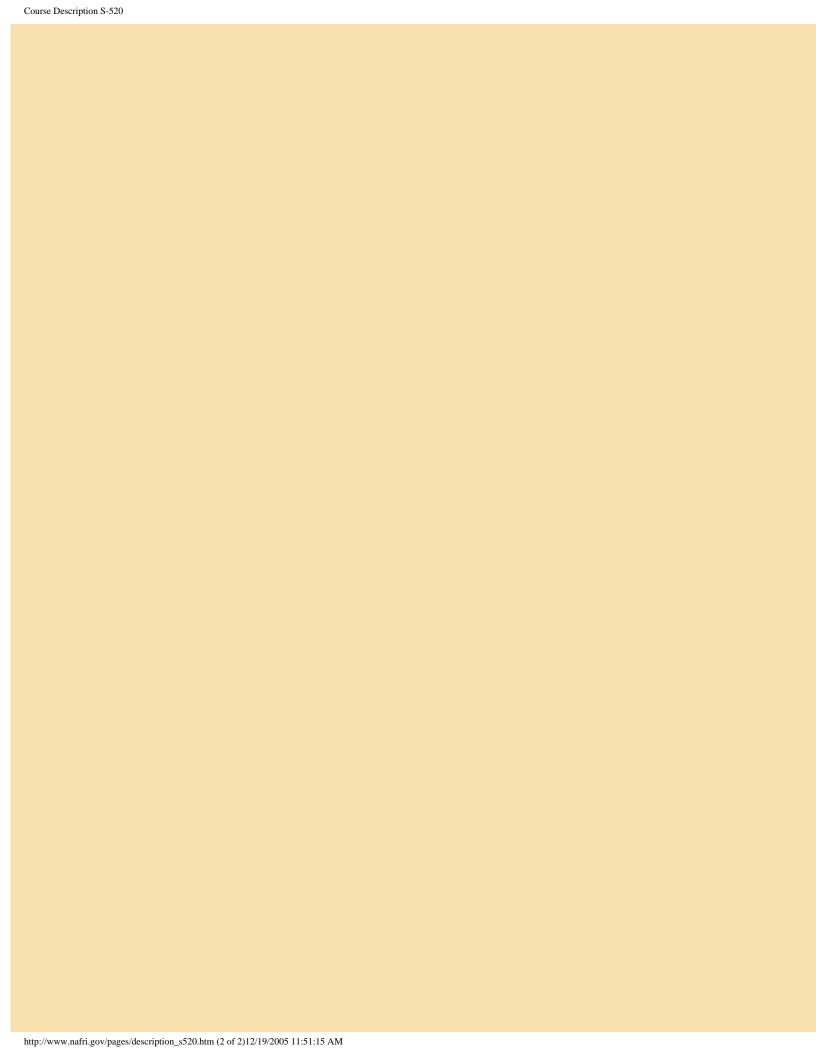
Important Dates

Nominations Due: November 1, 2005
Notification of Selection: March 1, 2006
Final Notification of Selection: December 1, 2006

Nomination Process

Submit all nominations to the Geographic Area Coordination Groups who will make priority assignments on an interagency basis, and they will send the nominations to NAFRI for selection and notification.

Course Coordinator: Deborah Corner, (520) 799-8752; fax (520) 799-8785

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Course Description - S-580 - Advanced Fire Use Applications

March 20– 24, 2006

Target Group

Fire Use Managers, agency administrators, Type II Incident Commanders, fire use management team members, and wilderness, fire, resource, and other staff with direct fire planning and implementation responsibilities.

Nominations will be screened on the basis of these criteria, by the course coordinator and steering committee chairperson.

Suggested Training

RX-310, Introduction to Fire Effects, and M-580, Fire in Ecosystem Management.

Objectives

1. Participants will know the underlying philosophy, goals and requirements to successfully implement fire use activities in support of resource and wilderness management goals.
2. Participants will understand the process and need to complete wildland fire use implementation planning documents.

Course Description

The Advanced Fire Use Applications course is designed to provide participants with an understanding of the implementation process for appropriate management response to accomplish resource benefits over a wide range of management situations.

This course focuses on planning and implementation activities consistent with the Federal Wildland Fire Management Policy. Course information provides an understanding of wildland fire use planning processes, which are reinforced through exercises. Advanced fire use examples and case studies are drawn from experiences in the wildland fire environment and showcase examples of wildland fire activities including wildland fire use, prescribed fire, and confinement strategies.
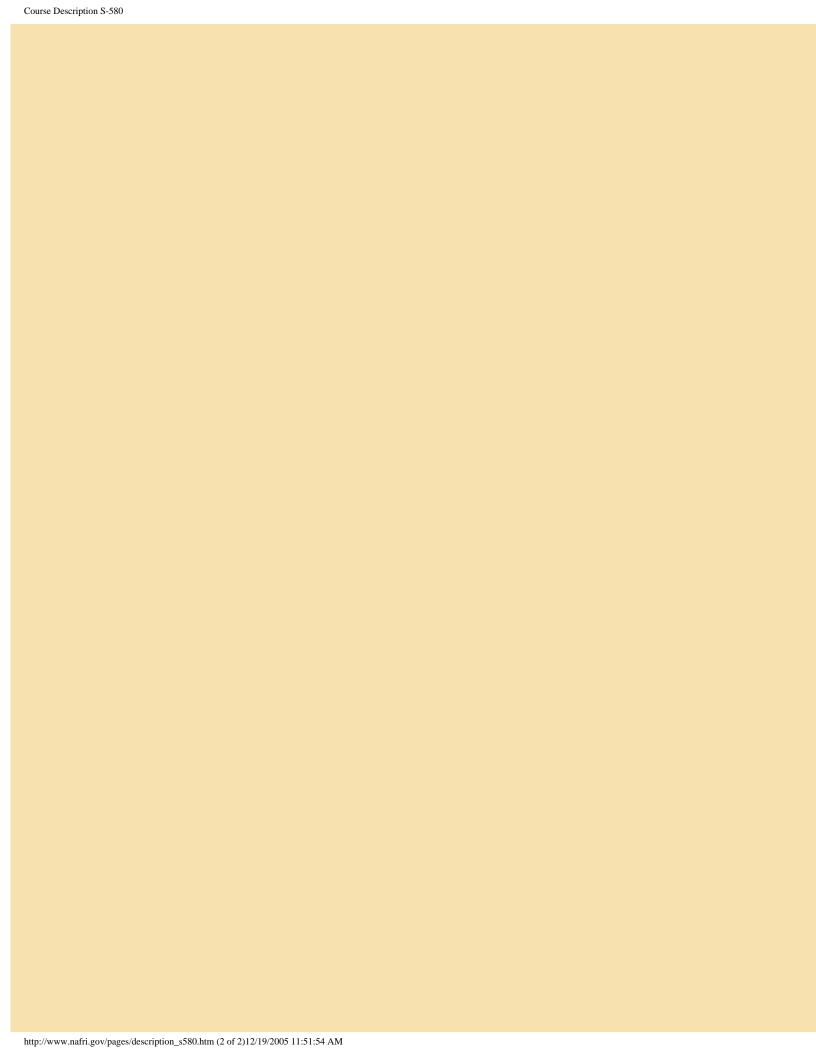
Important Dates

Nomination Due: November 1, 2005
Notification of Selection: December 15, 2005

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm. Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Deborah Corner (520) 799-8752; fax (520) 799-8785

Page last updated: October 6, 2005

National Advanced Fire & Resource Institute

Course Description - S-590 Advanced Fire Behavior Interpretation

March 5-17, 2006

For the 2006 S-590 course, nominations are requested November 1, 2004. All Nominees will be asked to participate in a mentoring program which will include assignment with qualified FBAN's and LTAN's. For more information, go to "nominations received."

Target Group

Individuals to be trained as a Fire Behavior Analyst (FBAN) and Long Term Fire Analyst (LTAN) in wildland fire suppression and fire use organizations. **Nominees must identify which position they are targeting on their nomination form.**

Prerequisites

The prerequisites listed below are consistent with the direction from the January 2000 Wildland and Prescribed Fire Qualification System Guide, PMS 310-1.

All applicants must have completed S-490 Advanced Wildland Fire Behavior Calculations, and demonstrate proficiency in the use of BehavePlus and Windows operating system.

Those students seeking qualification as a Fire Behavior Analyst must be qualified as Division Group Supervisor (DIVS) under the Incident Command System.

Those students seeking qualification as a Long Term Fire Analyst must be qualified as a Fire Effects Monitor and an Ignition Specialist under the Incident Command System. In addition, they must have completed S-492, Long Term Fire Risk Assessment and S-493, FARSITE: Fire Growth Simulation.

All nominees who have completed the mentoring program will need to pass a pre-course test and complete additional pre-course work. It is estimated the pre-course work will take approximately 30 hours.

Those applying for FBAN position will be evaluated in the areas of short-term fire behavior prediction, assessing the likelihood of success for strategies and specific tactical operations, and the identification and mitigation of fire behavior related firefighter safety concerns.

Nominees for LTAN position will be evaluated in the areas of short-term fire behavior prediction, and an understanding of long-term risk assessments, fire area growth simulation and NFDRS.

Success in S-590 will depend on the student's ability in communication skills, both written and oral. Additional skills could be obtained by attending the Facilitative Instructor course, M-410 or other public speaking and technical writing courses.

Objectives

- Describe the FBAN/LTAN responsibilities and interactions with managers, management teams, meteorologists, and others.
- Demonstrate skills in analyzing, interpreting, displaying, and communicating fire behavior information.
- Apply fire behavior predictive information in support of wildland and prescribed fire planning and operations.
- Demonstrate the ability to effectively communicate orally and in writing appropriate wildland and prescribed fire behavior predictive information.
- Understand the purpose of and prepare a complete fire behavior documentation package.

Course Description

Through the use of lecture, demonstrations and exercises the student will learn the job of the FBAN/LTAN. Units covered will include:

S-590 Fire Behavior Interpretation		Knowledge, Skills, & Abilities	
Unit	Unit Description	Gained at Course	Brought to Course
Archival	Fire Behavior Documentation Package, Legal considerations	Organizational, Communication	Computer Skills
Application	Safety, Briefings, Forecasts, Decision Support, Strategic Plan Development, Firing Operations, Advanced Applications, reinforced with exercises	Organizational, Communication, & Computer Skills	Intuitive, Operational Skills, & Computer Skills
Analysis	Skills learned in prerequisite courses, develop support for decision making, and demonstrate in exercises	Organizational, Communication, & Computer Skills	Analytical Skills & Computer Skills
Acquisition	Skills learned in prerequisite courses, reinforced with obtaining fire environment and fire behavior information, and internet use.	Organizational, Communication, & Computer Skills	Computer Skills

Course size limited to 40 students.

Computer Requirements

All participants attending S-590 will need to provide their own laptop and portable printer with the appropriate printer driver installed. Participants need to install the latest version of the following software prior to the start of the course. The software needs to be tested in a standalone environment (not connected to their network). Participants need to test their portable printer by printing one page from BehavePlus again in a standalone environment. During S-590, participants will not need to access the NAFRI network or the internet.

Experience has taught us that higher processor speed, RAM and disk space allows the participant to keep up, avoid frustration, and pay attention to course exercise, instead of fumbling with a laptop that just will not suffice. We suggest the participant review the NAFRI computer standards with their IT staff.

Software to be installed prior to attending S-590: (Current as of 9/30/2004)

BehavePlus Version 2.0.2
FARSITE Version 4.04
RERAP Version 5.03b
FOFEM Version 5.21

Important Dates

Nomination Due: November 1, 2004
Pre-course Test Mailed: November 10, 2005
Pre-course Test Due: December 16, 2005
Notification of Selection: January 27, 2006

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm. Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: Cyndie Hogg (520) 799-8753; fax (520) 799-8785

Course Location: NAFRI, Tucson, Arizona
Tuition: None

S-590 is currently offered every other year on even-numbered years.

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Course Description - S-620 Area Command

February 25-March 9, 2007

Target Group

Those persons in wildland fire agencies who will be available to participate on a national interagency Area Command team as an Area Commander, Assistant Area Commander Logistics, Assistant Area Commander Planning on Area Command Aviation Coordinator.

Prerequisites

Individuals must be qualified at the Type 1 level and have successfully completed S-520, except for the Area Command Aviation Coordinator who must complete the Position Task Book prior to attending. Nominations must be submitted with a narrative statement giving a background of the person nominated. Include a description of the intended use of the skills developed as a result of attendance at S-620.

Objectives

Given a simulated multi-incident fire situation, students will effectively perform functional and team responsibilities. Individuals performance must meet established criteria for successful completion of the course.

Course Description

Using classroom lecture and simulated incident, the student will understand principles and concepts of Area Command, and understand the interaction of Area Command and other incident organizations, agencies, and political entities.
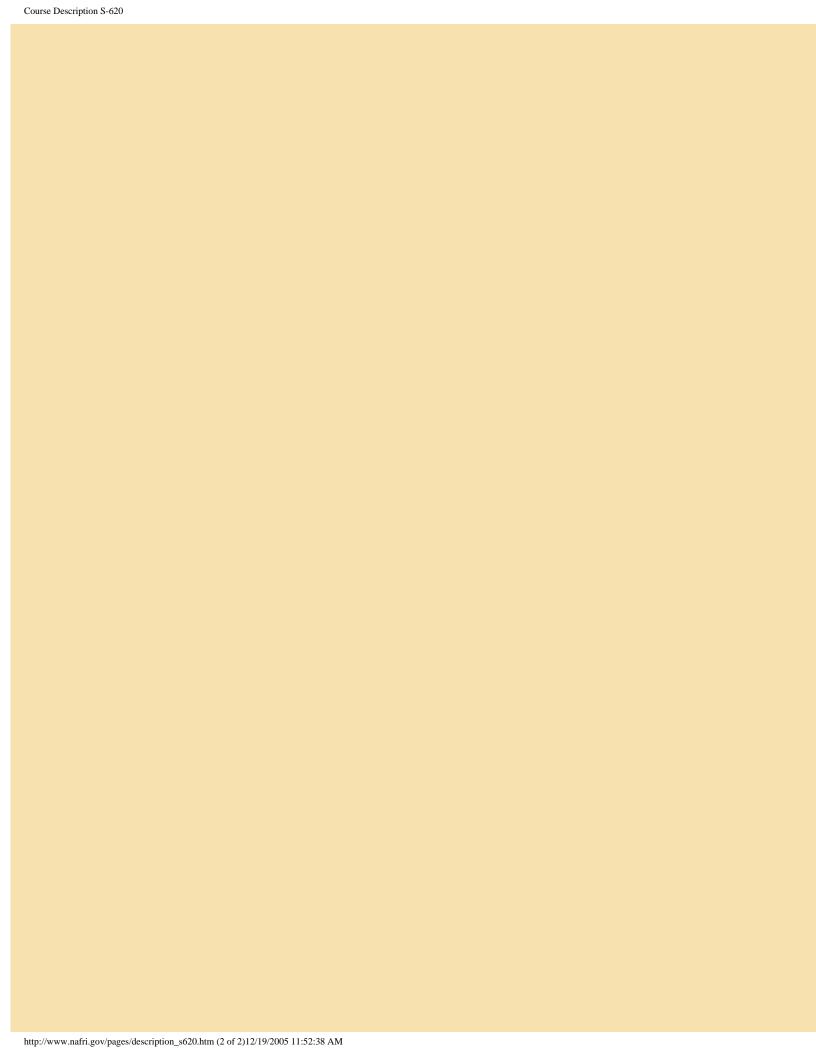
Important Dates

Nominations Due: November 1, 2005
Notification of Selection: March 1, 2006
Final Notification of Selection: December 1, 2006

Nomination Process

Submit all nominations to the Geographic Area Coordination Groups who will make priority assignments on an interagency basis, and they will send the nominations to NARTC for selection and notification.

Course Coordinator: Deborah Corner, (520) 799-8752; fax (520) 799-8785

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Course Description - SLAM Senior Level Aviation Management

Course dates unknown at this time. The course will NOT be on the 2006 NAFRI schedule.

Target Group

Land Management Agency Administrators and their immediate staff who direct, support, or have responsibilities for natural resource aviation management programs.

Objectives

Provide the Agency Administrators and immediate staff who direct or support natural resource aviation programs with:

- An overview of successful aviation program characteristics including leadership roles, program oversight, and accountability.
- A knowledge of laws, regulations and policies governing public and civil aviation operations.
- Concepts, philosophies, and theories of risk management programs.
- Characteristics of an effective aviation safety management program.
- Interaction with their peers across levels of government.

Course Outline

The contents will:

- Explore concepts of risk management in successful aviation programs.
- Examine roles of individuals at all levels of an aviation organization.
- Identify laws that regulate Government aviation operations.
- Identify and discuss current aviation program issues.
- Identify components of an effective aviation safety program
- Opportunities to integrate and manage interagency aviation programs and personnel.

Course Description

This training course will focus the attendee's attention on several areas of Government aviation programs. Attendees will explore the concepts of risk assessment and risk management paying particular attention to proven successful aviation programs. Attendees will learn to identify the laws that regulate Government aviation operations and the roles and responsibilities assigned to aviation managers at different levels of aviation organizations. This course will enhance the attendee's ability to identify critical components of an effective aviation safety program while providing opportunities to integrate and manage various interagency aviation programs including personnel issues.

Important Dates

Nominations Due:
Notification of Selection:

Nomination Process

Please see the NAFRI nomination process available at http://nafri.gov/pages/nominationprocess.htm.
Email nominations to NAFRI using our training address at: wo_nafri_training@fs.fed.us

Course Coordinator: ; fax (520) 799-8785

Page last updated: October 6, 2005

National Advanced Fire & Resource Institute

Course Description - LFML Local Fire Management Leadership

Target Group

This course is directed to Forest Service District Rangers, Bureau of Land Management Resource Area Managers, National Park Service Chief Rangers/Area Managers, Bureau of Indian Affairs Resource Managers and Fish and Wildlife Service Refuge Managers/Project Leaders.

Course Objectives

- To improve Agency Administrator's abilities to provide leadership and ensure safety in fire management activities.
- To enhance interagency cooperation through a common understanding of national and state fire management policies.
- To provide understanding of the Agency Administrator's roles, responsibilities, and authorities in fire and fire management activities.

Course Description

The course is a comprehensive look at the Agency Administrator's leadership role within the Fire Management Program, including the Federal Wildland Fire Management Policy. The complex fire situation is highlighted with the intent to provide a comprehensive understanding of the processes necessary to effectively manage the situation. Included are the Agency Administrator's briefing, Wildland Fire Situation Analysis, and other critical items.

Policy, authority and responsibility will be clarified and discussed to include human resource management and employees' safety and welfare in fire programs.

The participant will gain an insight into fire's role in Wildland Management. Internal and external relations and interagency cooperative opportunities and appropriate management responses are discussed. Emphasis is placed on an overall understanding of fire management to include organizations associated with complex incidents and the role of the Agency Administrator and Incident Commander in managing fire incidents.

Student Requirements to Receive Credit for the Course

To receive credit for the course, you must attend the entire course. Those arriving late or leaving early will not receive credit for the course. No testing is required.

Nomination Process

Please check the Geographic Area Websites (http://www.nationalfiretraining.net/) for course locations, dates, and the nomination process. This course is not available at NAFRI. NAFRI is only responsible for maintaining the course and not the presentation.

Page last updated: September 30, 2005